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ADVANCE

Advanced Driver and Vehicle Advisory Navigational Concept (ADVANCE) is a cooperative effort to evaluate the performance of a large-scale dynamic route guidance system in the United States. Three thousand private, commercial, and public agency vehicles in the northwestern suburbs of Chicago were initially scheduled to be equipped with in-vehicle navigation and route guidance systems.

California State Route 91

California's first public/private project under Bill 680 providing private toll operation of high occupancy vehicle lanes in the median.

CARAT

Congestion Avoidance and Reduction for Automobiles and Trucks (CARAT) project is proposed by NCDOT as a long-range, comprehensive implementation of a congestion management program for freeways and connected arterials in the Charlotte urban area. The ITS project focuses on the development of valuable products based on the unique features of the CARAT project, especially the design/build/warrant (D/B/W) procurement process.

Colorado Public/Private Initiatives Program

AB1267, 1995 session codified at 43-I-1204 of Colorado Revised Statutes, Special legislation authorizing public/private partnerships for transportation projects.

COMPARE

Virginia Department of Transportation Systems Integration Services contract.

Crescent

The test phase of HELP (reference page 3) was known as the Crescent Project. The Crescent Project included approximately 40 equipped sites ranging from British Columbia southward along I-5 to California and then eastward along I10 to Texas, branching onto I-20. Data gathered from the WIM, AVI, and AVC was processed by a central computer, and then used by the state government for credential checking, weight enforcement, and planning information, and by the motor carrier industry for fleet management purposes.

Table of Projects (continued)

E-ZPass

An interagency procurement involving several operating toll agencies. The agencies solicited an irrevocable offer from ETTM vendors which gave one vendor the exclusive right to provide equipment to each of the member agencies based on separate contracts entered into with each agency.

FAST-TMC

University of Michigan Operational Test utilizing ATIS and ATMS applications. FAST-TRAC (Faster and Safer Travel Through Traffic Routing and Advanced Controls) will combine Advanced Traffic Management Systems (ATMS) and Advanced Traveler Information Systems (ATIS) technologies in Oakland County, Michigan. A Traffic Operations Center has been established, not only as the heart of FAST-TRAC systems, but also as the focus for systems integration.

Foothill/Eastern Transportation Corridor Agency

In 1986 the County and several cities within the County executed two Joint Exercise of Powers Agreements (JPAs) creating TCAs to oversee the Corridor's design, finance, and construction. Each city agreed to implement the Fee Program within its own jurisdictional boundaries. As legal entities separate and apart from their members, TCA's enjoy broad powers, but the member agencies are not individually liable for TCA's obligations. Foothill/Eastern is one of TCA's corridor.

In 1987, the State law was amended to give TCA's certain special powers, including the power to finance corridor construction (but not maintenence) with tolls. On completion the corridors will be owned and maintained by the Caltrans, but TCAs retain the right to operate the toll system, with revenues used to pay operations and construction financing costs. The State law further provides that the projects must include electronic toll collection technology.

The transportation Corridor Agencies are building a network of toll roads, the Foothill, San Joaquin, and Eastern Corridors, in Orange County, California. Foothill opened to traffic in late 1993, and the first 7.5 miles of the 15-mile San Joaquin opened July 24,1996.

Table of Projects (continued)

Genesis	Genesis is an Advanced Traveler Information System (ATIS) that uses Personal Communication Devices (PCDs) to distribute information. Timely delivery means gathering the data in real-time and distributing the data to travelers when they need it, where they need it, and how they need it. Genesis is an element in the Minnesota Guidestar ITS program. With transit and traffic data, Genesis is able to provide the urban traveler with current data relevant to a chosen trip mode and route. The Genesis PCD is portable and transit information is fully accessible to the user.
HELP, Inc.	HELP (Heavy Vehicle Electronic License Plate Program) was a multi-state, multi-national research effort to design and test an integrated heavy vehicle monitoring system that uses Automatic Vehicle Identification (AVI), Automatic Vehicle Classification (AVC), and Weigh-In-Motion (WIM) technology. HELP's ultimate goal was to have a system in which a legal truck can drive through the entire network without having to stop at weigh stations or ports-of-entry.
Hudson-Bergan Light Rail Transit	New Jersey Transit design-build procurement for rail transit.
Los Angeles County Metropolitan Transit Authority	The LACMTA is responsible for implementing a multi-year rail program to build and operate heavy and light rail lines in the Los Angeles metropolitan region.
Minnesota Guidestar	Minnesota Guidestar provides overall direction to the MinnDOT's ITS program by providing a focus for strategic planning, project identification, project initiation, project management, and evaluation. Minnesota Guidestar also provides coordination with other State and local agencies in **Minnesota, such as the University of Minnesota, which have** an interest and role in ITS.
New Jersey Turnpike Authority (NJTA)	A toll-road operating agency in New Jersey.
Project ADVISE	Utah Department of Transportation's Adverse Visibility Information System Evaluation.

Table of Projects (continued)

PUSHME

The primary objective of the Puget Sound Help Me (PUSHME) Mayday System is to assess operational, institutional, and technology requirements for implementing a regional mayday system that would allow a driver to send an immediate notification of an incident, its location, and need for assistance to a response center.

San Antonio ATMS

The Texas DOT installed a state-of the-technology advanced traffic management system (TransGuide) in San Antonio. The Phase 2 project resulted in a three-story control center and twenty-five miles of the one hundred ninety mile proposed ATMS. This Operational test will document the San Antonio TransGuide system design rationale and goals, evaluate the system's success in meeting the design goals, and evaluate the digital communication network for cost effectiveness and benefits versus "traditional" transportation data communication systems. An additional element of this Operational Test is the on-line evaluation and comparison of several incident detection algorithms.

SWIFT

The Seattle Wide-Area Information for Travelers (SWIFT) will test the delivery of traveler information via three devices: the Seiko Receptor Message Watch, an in-vehicle FM subcarrier radio, and a palm-top computer. This project will also expand current service currently available under the Bellevue Smart Traveller project.

TravTe k

A real time ATMS traffic management Center in Orlando, Florida. TravTek (Travel Technology) provided traffic congestion information, motorist services, ("yellow pages") information, tourist information, and route guidance to operators of 100 test vehicles, rested through AVIS, that were equipped with in-vehicle TravTek devices. Route guidance reflected real-time traffic conditions in the TravTek traffic Network. A Traffic Management Center obtained traffic congestion information from various sources and provided this integrated information, via digital data radio broadcasts, to the test vehicles and the data sources. TravTek rental operation began in March 1992. The operations phases ended March 1993.